

FIG. 1A

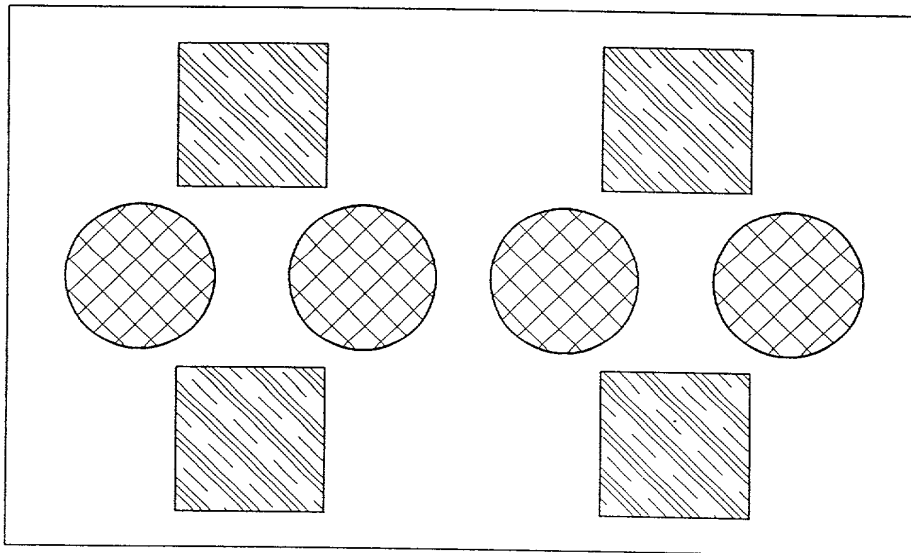


FIG. 1B

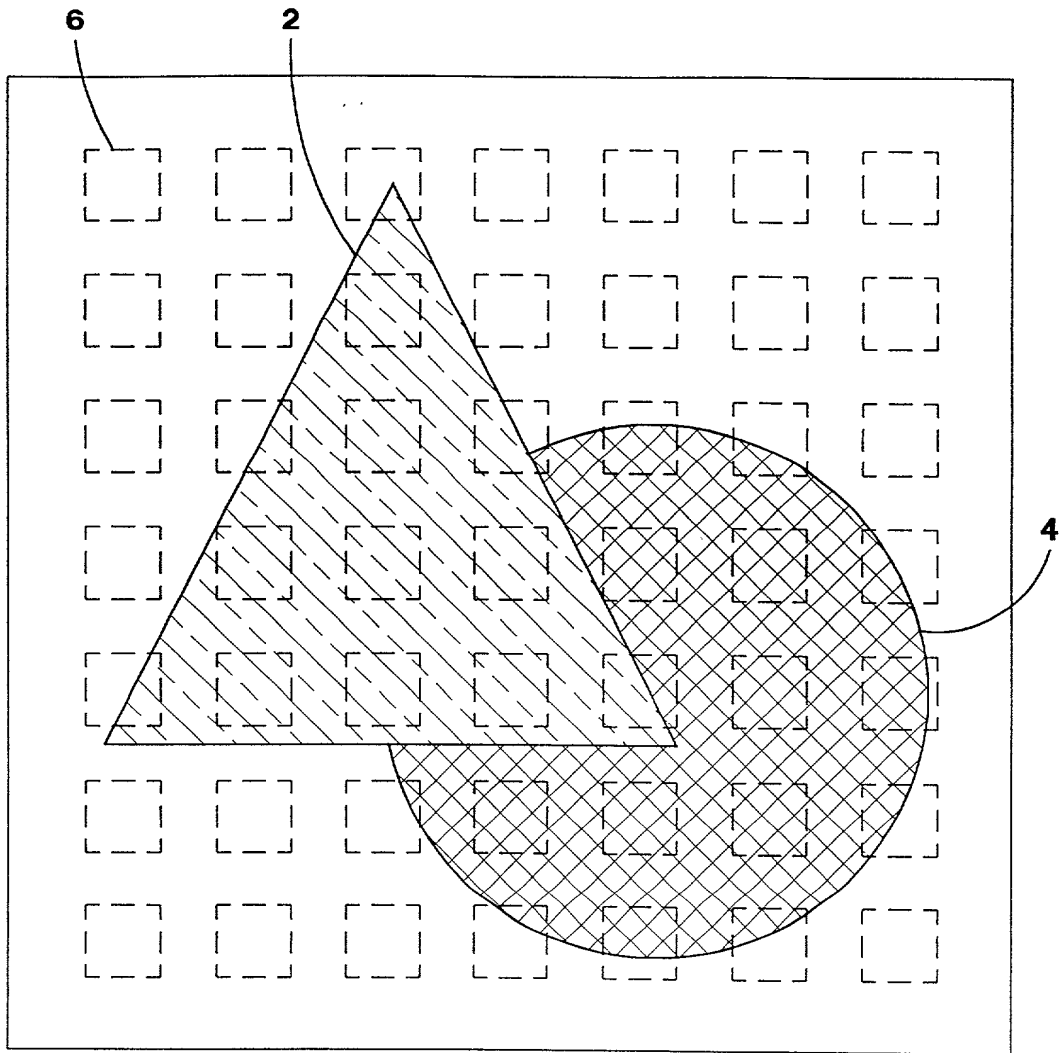


FIG. 2

FIG. 3 is a schematic diagram of a system for detecting and identifying objects in a scene. The system includes a camera 10, a processor 12, and a memory 14. The camera 10 is configured to capture a scene 16. The processor 12 is configured to process the captured scene 16 and identify objects 18 in the scene. The memory 14 is configured to store data related to the objects 18. The system is configured to detect and identify objects in a scene.

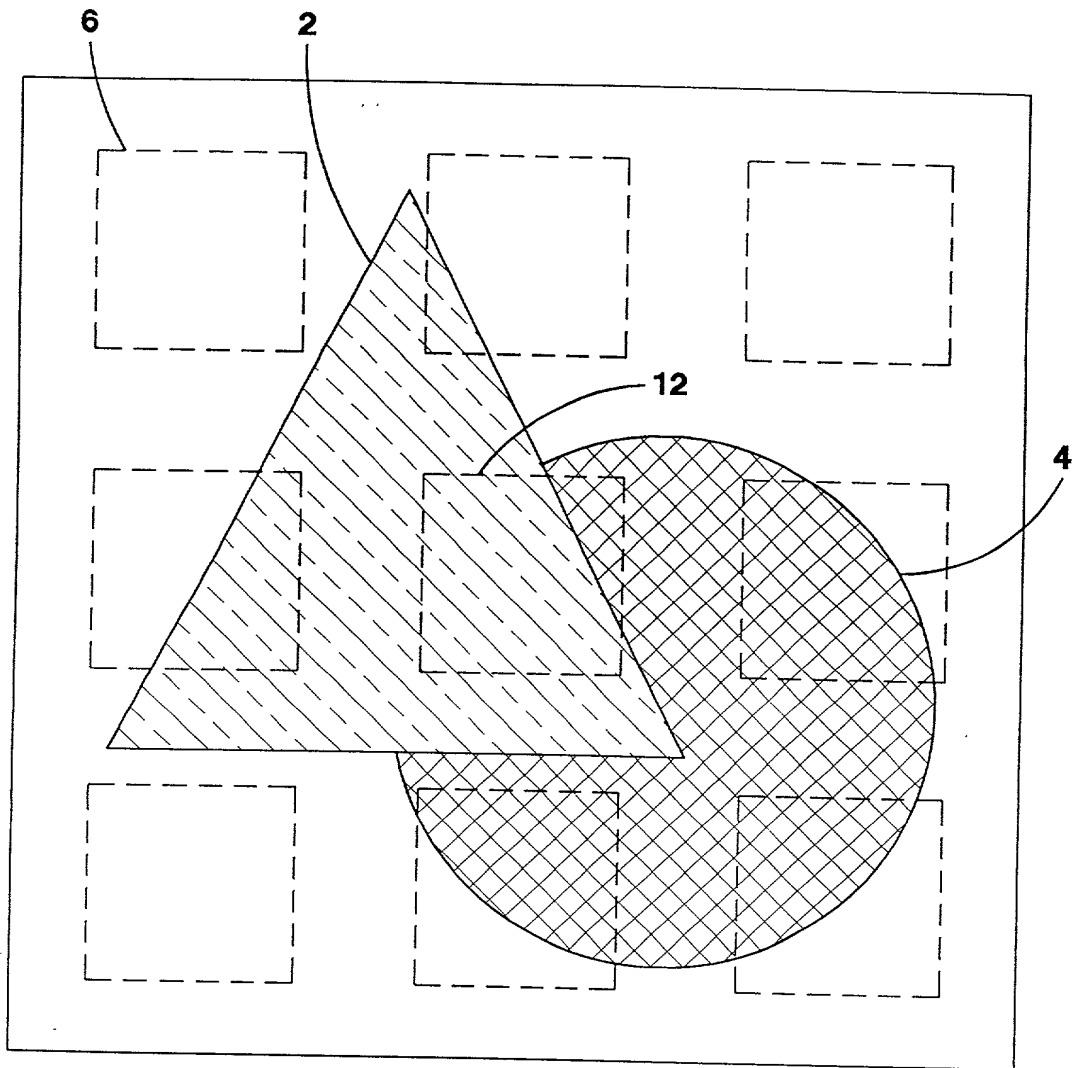


FIG. 3

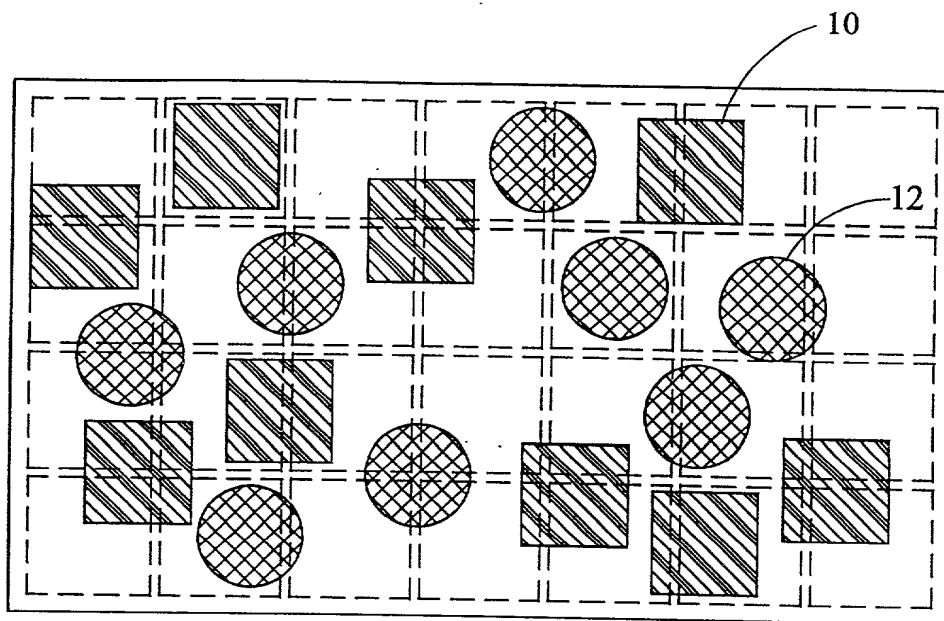


FIG. 4

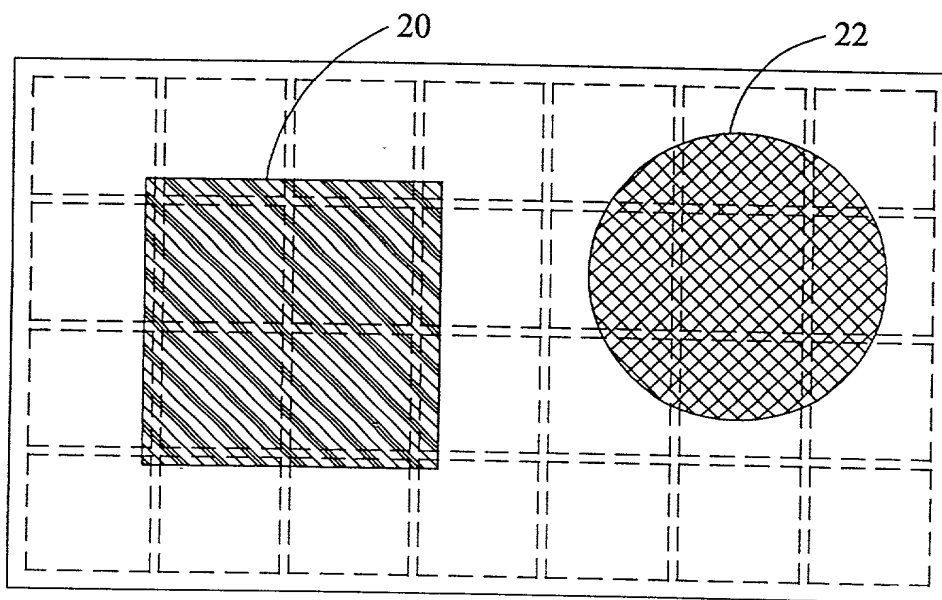


FIG. 5

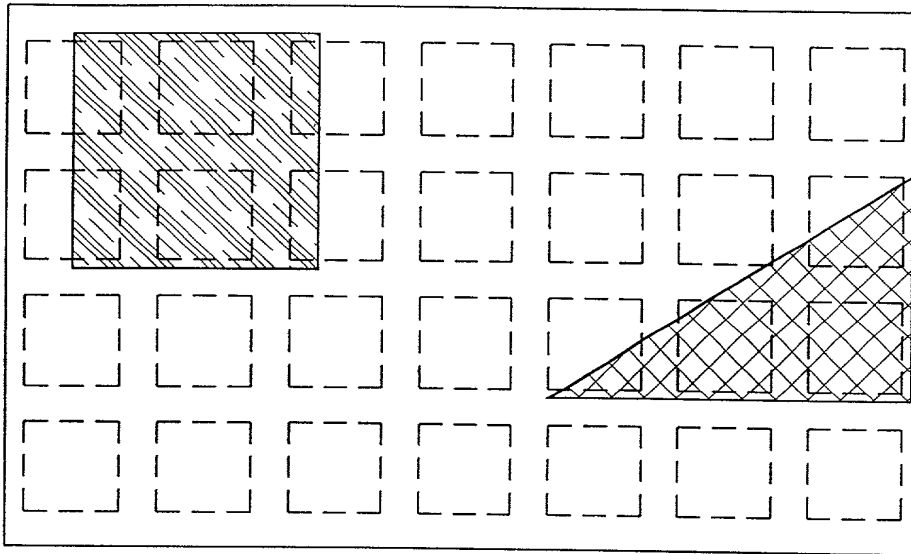


FIG. 6A

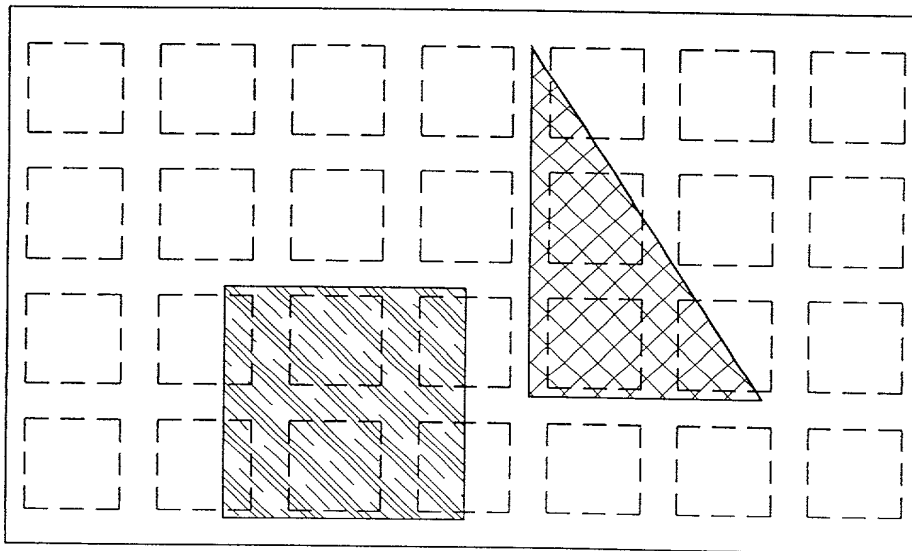


FIG. 6B

	S = X1	S = X2	S = X3
μ_0	0	0	0
μ_1	2	0	2
μ_2	1	4	2
μ_3	6	3	0
μ_4	5	0	0
μ_5	6	2	1
μ_6	3	0	0
μ_7	2	3	2
μ_8	0	1	0
μ_9	1	0	1
μ_{10}	0	0	0

FIG. 7

	0% TO 10%	10% TO 20%	20% TO 30%	30% TO 40%	40% TO 50%	50% TO 60%	60% TO 70%	70% TO 80%	80% TO 90%	90% TO 100%
μ_0	0	0	0	1	0	0	0	0	0	0
μ_1	1	0	0	0	0	4	0	0	1	2
μ_2	0	4	0	3	0	0	3	5	1	1
μ_3	0	0	3	2	0	7	0	4	1	6
μ_4	0	2	0	0	4	0	0	0	0	5
μ_5	0	0	0	0	0	9	0	3	0	6
μ_6	0	0	5	0	0	0	0	0	0	3
μ_7	0	0	0	0	6	3	0	0	0	2
μ_8	0	4	0	0	1	0	0	0	2	0
μ_9	0	0	0	0	0	0	0	0	0	1
μ_{10}	2	0	1	0	5	0	2	0	4	0

FIG. 8

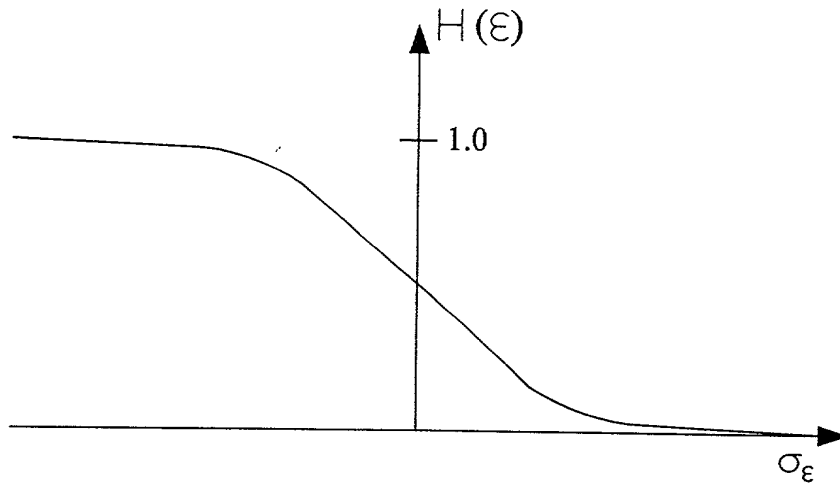


FIG. 9

	0% TO 4%	4% TO 12%	12% TO 26%	26% TO 52%	52% TO 100%
μ_0	0.3	0.1	0.6	1.8	3.0
μ_1	1.5	0.3	0.7	0.9	0.0
μ_2	1.9	4.3	0.0	3.1	2.1
μ_3	0.0	0.0	3.9	2.1	1.7
μ_4	4.5	2.2	0.3	0.0	4.0
μ_5	0.0	0.1	0.0	0.0	0.0
μ_6	9.1	0.0	5.3	0.0	4.3
μ_7	0.0	10.2	9.3	6.7	6.1
μ_8	0.0	4.7	0.0	0.0	1.2
μ_9	0.0	0.0	0.3	0.1	0.0
μ_{10}	2.2	3.2	1.7	0.0	5.2

FIG. 10